09715469 Michael J. Simitoski Michael.Simitoski@uspto.gov (703) 305-8191

## Google

password timeout intruder enter password within period of time "shoulder surfing" screen (ATM OR POS) rearrange keys atm

## **ACM**

read abstracts { IEEE (Weiss <in> au) shoulder <and> surfing

Applications/Patents from Inventor Search

none

L Number	Hits	Search Text	DB	Time stamp
3	1	6104815.pn.	USPAT;	2004/05/17
"		6101013.pm.	US-PGPUB;	13:17
			EPO; JPO;	
			IBM TDB	
4	1	jp-2002101091-a.did.	USPAT;	2004/05/17
_	-	) p 20022020	US-PGPUB;	13:17
			EPO; JPO;	
			IBM TDB	
_	102	(380/258).CCLS.	USPAT;	2004/05/17
	""	(000) 200, 100	US-PGPUB;	13:15
			EPO; JPO;	
			IBM TDB	· •
-	67	((380/258).CCLS.) and @ad<20001117	USPĀT;	2004/05/05
			US-PGPUB;	11:25
			EPO; JPO;	
1.11.	1		IBM_TDB	
- +me	30	(((380/258).CCLS.) and @ad<20001117) and	USPĀT;	2004/05/05
Scar	price /	(GPS (global adj position\$3))	US-PGPUB;	13:37
اس س			EPO; JPO;	
- fitte scar Kul			IBM_TDB	
-	212	@ad<20001117 and ((GPS (global adj	USPAT;	2004/05/05
	1	position\$3)) same (verif\$7) same	US-PGPUB;	13:39
	_	(position location))	EPO; JPO;	
		<u> </u>	IBM_TDB	0004/05/05
-	KMIL/6	@ad<20001117 and ((GPS (global adj	USPAT;	2004/05/05
		position\$3)) same (verif\$7) same	US-PGPUB;	13:42
		(position location)) and (local near	EPO; JPO;	
1		computer)	IBM_TDB	2004/05/05
-	597		USPAT;	2004/05/05
		position\$3)) same (serial usb))	US-PGPUB; EPO; JPO;	14:18
	ہر ا			
	11/20	@ad<20001117 and ((GPS (global adj	IBM_TDB USPAT;	2004/05/05
-	1 WIC/ 22	position\$3)) same (serial usb)) same	US-PGPUB;	14:06
		position; 3)   same (serial dsb)   same   (verif\$7)	EPO; JPO;	14.00
		(AGIIIA)	IBM TDB	
_	704	@ad<20001117 and (number near3 key near3	USPAT;	2004/05/05
	, , ,	(mov\$3 chang\$3))	US-PGPUB;	14:07
	l .	(	EPO; JPO;	1
110	12 1		IBM TDB	
- 1141	annad 85	@ad<20001117 and (number near3 key near3	USPAT;	2004/05/05
50		(mov\$3 chang\$3)) and keypad	US-PGPUB;	14:07
			EPO; JPO;	
	h. //	<b>\</b>	IBM_TDB	
-	gracti 21	@ad<20001117 and teare.in.	USPAT;	2004/05/05
ab	7' <i>( )</i>	1	US-PGPUB;	14:10
		1	EPO; JPO;	
	1 /	)	IBM_TDB	2004/05/05
-	1.16/16	/@ad<20001117 and (gps same (???plane)	USPAT;	2004/05/05
V	س سال	same video)	US-PGPUB;	14:15
"			EPO; JPO;	1
	_	(HEO 42 CE OH) - DAY	IBM_TDB	2004/05/05
-	1	("5243652").PN.	USPAT; US-PGPUB;	14:15
			EPO; JPO;	11.10
			IBM TDB	
1_	208	@ad<20001117 and ((GPS (global adj	USPAT;	2004/05/05
-	200	position\$3)) same (serial usb) same (pc	US-PGPUB;	14:30
	1	computer))	EPO; JPO;	
	1		IBM TDB	
_	2124	@ad<20001117 and (key adj sequence)	USPĀT;	2004/05/05
			US-PGPUB;	14:30
			EPO; JPO;	
			IBM_TDB	
-	777		USPAT;	2004/05/05
		(typ\$3 enter\$3)	US-PGPUB;	14:31
1			EPO; JPO;	
			IBM TDB	

262   @adc20001117 and ((key adj sequence) same (typ3) enter\$3) same display\$3   and typ130   add (typ2)   add (typ					
### ### #### #########################	-	263	@ad<20001117 and (key adj sequence) same	USPAT;	2004/05/05
### ### #### #########################				US-PGPUB;	
BM 7DB			1 1	EPO: JPO:	ľ
### 199   @ad<20001117 and ((key ad) sequence) same (verifs7   USPGUM; per present)   USPGU		1111			
1998   14:52   14:52   14:52   14:52   14:52   14:52   15:04   15:04   16:05	_ /	1719 AN (80)	@ad<20001117 and //key adi sequence) same		2004/05/05
Verif\$7   GREGORY-BERNARR-E.XB.   GREGORY-BERNARR.XB.   IMM TDB   USPAT;   US-PGUB;   FEO. JPO;   IMM TDB   USPAT;   U	· '	CLAINE 7	(tunes ontores) same displayes / and	·	
TEM TIDE   CREGORY-BERNARR-E.Xa.   CREGORY-BERNARR.Xb.   CREGORY					14.52
1594   GREGORY-BERNARR-E.Xa.   GREGORY-BERNARR.Xa.   GREGORY-BERNARR.Xa.   GREGORY-BERNARR.Xa.   GREGORY-BERNARR-E.Xp.   GREGORY-BERNARR-E.Xp.   GREGORY-BERNARR-E.Xp.   GREGORY-BERNARR.Xa.   GREGORY-BERNARR-E.Xp.   GREGORY-BERNARR.Xa.   GRE			verit\$/		
GREGORY-BERNARR.E.Xp. GREGORY-BERNARR.xa. GREGORY-BERNARR.Xp. and keypad) and (alternate alternation alternates heart green) and (alternate alternation alternates heart green) and (alternate alternation alternates heart green) and (alternate alternation alternates) and keypad) and (alternate alternation alternates) and green		1504	CRECORY REPLYED TO		2004/05/05
GREGORY-BERNARR-E.xp. GREGORY-BERNARR.xa. GREGORY-BERNARR-E.xp. GREGORY-BERNARR.xa. GREGORY-BERNARR-E.xp. GREGORY-BERNARR.xa. GREGORY-BERNARR-E.xp. GREGORY-BERNARR.xa. GREGORY-BERNARR.xp.) and keypad) and laternates orate3 (GREGORY-BERNARR-E.xa. GREGORY-BERNARR-E.xa. GREGORY-BERNARR.xp.) and keypad) and (alternate alternation alternates INM.TDB USPAT; US-PGOPUB; EPO; JPO; IBM.TDB USPAT; US-PGUB; EPO; JPO; JPO; IBM.TDB USPAT; US-PGUB; EPO; JPO; JPO; IBM	-	1594			
102   GREGORY-BERNARR-E.Xa.   GREGORY-BERNARR.Xp.) and keypad   161   (GREGORY-BERNARR-E.Xa.   GREGORY-BERNARR.Xp.) and keypad   162   GREGORY-BERNARR.Xp.) and keypad   163   GREGORY-BERNARR.Xp.					14:39
102   GREGORY-BERNARR-E.Xa.   GREGORY-BERNARR.Xa.   GREGORY-BERNAR.Xa.   GREGORY-BERNAR.Xa.   GREGORY-BERNAR			GREGORY-BERNARR.xp.	·	
GREGORY-BERNARR.xp. and keypad  (IGREGORY-BERNARR.xp.) and keypad  (IGREGORY-BERNARR.xp.) and keypad  (IGREGORY-BERNARR.xp.) and keypad  (IGREGORY-BERNARR.xp.) and keypad) and (alternats3 rotats3)  (IGREGORY-BERNARR.xp.) and keypad) and (alternats3 rotats3)  (IGREGORY-BERNARR.xp.) and keypad) and (alternats alternation alternates alternation rotats3)  (IGREGORY-BERNARR.xp.) and keypad) and (alternate alternation alternates alternation rotats3)  (IRM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; DFO; IBM TDB USPAT; USPAC; DFO; IBM TDB USPAT; USPAC; US					l
GREGORY-BERNARR.Xp.) and keypad  (GREGORY-BERNARR.E.Xa, CREGORY-BERNARR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNAR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNARR.Xa, SCREGORY-BERNARR.X	-	102	· ·		1
Tem TDB   USPAT;			GREGORY-BERNARR-E.xp. GREGORY-BERNARR.xa.	US-PGPUB;	14:44
GREGORY-BERNARR-E.xa   CREGORY-BERNARR.xa   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERNAR   CREGORY-BERN			GREGORY-BERNARR.xp.) and keypad	EPO; JPO;	1
CRECORY-BENNARR.xa.   US-PGPUB;   14:45   EPO; JPO; ISM TDB   USPAT;   2004/05/05   US			-	IBM TDB	
GRECORY-BENNARR. xa.) and keypad) and (alternatis] rotats]:  (GRECORY-BENNARR. xa.) and keypad) and (alternatis] rotats]:  (GRECORY-BENNARR. xa.) and keypad) and (alternating rotats]:  add-20001117 and (idynamic\$5 transient) near3 keypad)  - 784 @adc20001117 and (idynamic\$5 transient) near3 keypad)  - 8adc20001117 and (idynamic\$5 transient) near3 keypad)  - 9adc20001117 and (idynamic\$5 transient) near3 keypad)  - 8adc20001117 and (idynamic\$5 transient) near3 near near2 near near near2 near near near near near near near near	_	61	((GREGORY-BERNARR-E.xa.	USPAT;	2004/05/05
ORECORY-BENNARR.xp.   and keypad   and   alternatis   rotats   18M TDB   184 (GREGORY-BERNARR-E.xa.   CREGORY-BERNARR.xp. ) and keypad   and   (alternatian grotats   14:45			', ',	US-PGPUB;	14:45
Alternat\$3 rotat\$3   IBM TDB   USPAT:					
33 ((GREGORY-BERNARR-E.Xa. GREGORY-BERNARR.Xa. GREGORY-BERNARR-E.Xa. GREGORY-BERNARR-E.Xa. GREGORY-BERNARR-E.Xa. GREGORY-BERNARR-E.Xa. GREGORY-BERNARR.Xp.) and keypad) and (alternate alternation alternates alternation alternate					
GREGORY-BERNARR. Xa. GREGORY-BERNARR. Xa. GREGORY-BERNARR. Xa. (a) and (a) and (alternate alternation alternates alternation activates)  - Will (a) Gregory and (a) and (a) grow and (a) alternate alternation alternates alternation alternates alternation activates (a) Gregory activates (a) Gregory activates (a) In John	_	14/ 32			2004/05/05
GREGORY-BERNARR.xp.) and keypad) and (alternate alternation alternates alternating rotats) alternating rotats) alternating rotats) alternating rotats) (alternating rotats) (background) (b	_	40 / 33/		•	, ,
Calternate alternation alternates   IBM_TDB   alternating rotat\$3)   Alternating rotat\$3)   Cadd<20001117 and ((dynamic\$5 transient)   USPAT; US-PGPUB; EPO; JPO; IBM_TDB   USPAT; US-PGPUB; EPO;				· ·	14.40
Alternating rotat\$3   Bad<20001117 and ((dynamic\$5 transient)   USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					
- WW 14 @ad<20001117 and ((dynamic\$5 transient) USPAT; US-PGPUB; EPO; JPO; IBM TDB USP				TRW_IDB	
15:04   15:04   15:04   15:04   15:04   15:05   15:0		1/	Dalternating rotat\$3)		0004/05/05
- 784	-	14 7 WY 14		•	1
- 784 @ad<20001117 and ((physical\$6 near4 present))  - 237 @ad<20001117 and ((physical\$6 near present))  - 237 @ad<20001117 and ((physical\$6 near present))  - 238 Bad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7))  - 0 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)  - 0 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)  - 8 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)  - 8 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)  - 186 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)  - 186 @ad<20001117 and (key same (random near2 (location position)))  - 2 (@ad<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 2 (@ad<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 3			near3 keypad)	1	15:04
- ## ## ## ## ## ## ## ## ## ## ## ## ##	1			EPO; JPO;	
Dresent   Dres	İ			IBM TDB	
Dresent   Dres	-	784	@ad<20001117 and ((physical\$6 near4	USPAT;	2004/05/05
237   @ad<20001117 and ((physical\$6 near present))   EBO; JPO; IBM TDB USPAT; US-PCFUB; EBO; JPO; JPO; IBM TDB USPAT; US-PCFUB; E				US-PGPUB;	15:05
- 237 @ad<20001117 and ((physical\$6 near present))  - 237 @ad<20001117 and ((physical\$6 near present))  - 38 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7))  - 48 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)			<b>1</b>		
237 @ad<20001117 and ((physical\$6 near present))  -					
Descrit   Desc	l _	227	@ad<20001117 and ((physicals6 pear	_	2004/05/05
Bad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7))   Bad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7))   Bad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)   Bad<20001117 and (key same (random near2 (location position)))   Bad   -	l -	23/			
- ### TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT;			breseuc)	· ·	10.00
Sad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7))	1	1 1			
Desent   D		LIN E	1.00001117 1 //0/		2004/05/05
- 0 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7) same keypad)  - 8 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7) same (sypad)  - 8 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7) sand keypad)  - 186 @ad<20001117 and (key same (random near2 (location position)))  - 2 (@ad<20001117 and (key same (random near2 (location position))) and (keypad and pin)  - 49 rsa.as.  - 49 rsa.as.  0 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  - 3	-	1/5 / 51			1
- 0 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)	1		presen??) same (authenticat\$3 verif\$/))		15:05
- 0 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)					
Dresen??) same (authenticat\$3 verif\$7)   US-PGPUB;   EPO; JPO; IBM_TDB   USPAT;				_	
### Same keypad)  8	-	0			1
- 8 @ad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7) uS-PGPUB; and keypad)  - 186 @ad<20001117 and (key same (random near2 (location position)))  - 2 (@ad<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 49 rsa.as.  - 49 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  - 2 rsa.as. and (token)  - 3 rsa.as. and (token)  - 49 rsa.as. and (token)  - 49 rsa.as. and (token)  - 40 rsa.as. and (token)  - 40 rsa.as. and (token)  - 41 rsa.as. and (token)  - 42 rsa.as. and (token)  - 43 rsa.as. and (token)  - 44 rsa.as. and (token)  - 45 rsa.as. and (token)  - 46 rsa.as. and (token)  - 47 rsa.as. and (token)					15:06
BM TDB   USPAT;   2004/05/05   15:06     186   Cad<20001117 and ((physical\$6 near presen??) same (authenticat\$3 verif\$7)   US-PGPUB;   15:06     15:06     15:06     15:06     15:06     15:06     15:06     15:06     15:06     15:06     15:06     15:06     18M TDB   USPAT;   US-PGPUB;   15:10     18M TDB   USPAT;   US-PGPUB;   15:10   15:10   15:10   15:10   15:10   15:10   15:10   15:10   15:10   15:10   15:10   16:06   15:13   15:10   16:06   15:13			same keypad)		
8					
Dresen??) same (authenticat\$3 verif\$7)   US-PGPUB; EPO; JPO; IBM_TDB   USPAT;   US-PGPUB;   US	-	8	@ad<20001117 and ((physical\$6 near	USPĀT;	2004/05/05
and keypad)  - 186			presen??) same (authenticat\$3 verif\$7)	US-PGPUB;	15:06
- 186 (ead<20001117 and (key same (random near2 (location position)))  - 2 ((ead<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 49 rsa.as.  - 49 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  - 2 rsa.as. and (token)  - 3 rsa.as. and (token)  - 49 rsa.as. and (token)  - 5 rsa.as. and (token)  - 6 rsa.as. and (token)  - 7 rsa.as. and (token)  - 8 rsa.as. and (token)  - 9 rsa.as. and (token)  - 10 rsa.as. and (token)  - 10 rsa.as. and (token)  - 10 rsa.as. and (token)					1
- 186 (ead<20001117 and (key same (random near2 (location position)))  - 2 ((ead<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 49 rsa.as.  - 49 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  - 2 rsa.as. and (token)  - 2 rsa.as. and (token)  - 3 (ead<20001117 and (key same (random near2 (location position)))) and (keypad and location position))) and (ke			# K		1
(location position)))  (location position)))  (location position)))  (location position))) and (key same (random near2) (location position)))) and (keypad and pin)  (location position)))  (location position))))  (location position)))  (location position))))  (location position)))  (location position)))  (location position)))  (location position))))  (location position)))  (location position)))  (location position)))  (location position)))  (location position)))  (location position))  (location position))  (location position))  (location position))  (l	l _	186	@ad<20001117 and (key same (random near)		2004/05/05
- 2 (@ad<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 49 rsa.as.  - 0 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  - 2 rsa.as. and (token)  EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IG:10		1 100			1 ' '
- 2 (@ad<20001117 and (key same (random near2 (location position)))) and (keypad and pin)  - 49 rsa.as.  - 0 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)    1BM_TDB			(Todacton position))		
2 (@ad<20001117 and (key same (random near2 (location position))) and (keypad and pin)  49 rsa.as.  0 rsa.as. and (two adj factor adj authenticat\$3)  2004/05/05 15:13  2004/05/05 15:13  2004/05/05 16:06  2004/05/05 16:10  2004/05/05 18M_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;					
(location position))) and (keypad and pin)  49 rsa.as.  49 rsa.as.  0 rsa.as. and (two adj factor adj authenticat\$3)  2 rsa.as. and (token)  15:13  15:13  15:13  15:13  15:13  15:13  16:06  16:06  17:06  18M_TDB  18M_TD		_	/and/20001117 and /key arms /wandow2		2004/05/05
pin)  - 49 rsa.as.  - 0 rsa.as. and (two adj factor adj authenticat\$3)  - 2 rsa.as. and (token)  EPO; JPO; IBM_TDB USPAT; 2004/05/05 US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2004/05/06 US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2004/05/05 US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; I6:10	_	2		t e	1 ' ' 1
TBM_TDB			_ · · · · · · · · · · · · · · · · · · ·	I .	12:12
- 49 rsa.as.  USPAT; 2004/05/05 US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2004/05/06 US-PGPUB; authenticat\$3)  USPAT; 2004/05/06 USPAT; 2004/05/06 US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2004/05/05 US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;			pin)	1	
US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2004/05/06 ushenticat\$3)  - 2 rsa.as. and (two adj factor adj uspat; 2004/05/06 uspat; 2004/05/05 uspat	1				2004/05/05
EPO; JPO; IBM_TDB USPAT; 2004/05/06 us.23 EPO; JPO; IBM_TDB USPAT; 2004/05/06 08:23 EPO; JPO; IBM_TDB USPAT; 2004/05/05 US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;	-	49	rsa.as.	i i	l l
- 0 rsa.as. and (two adj factor adj authenticat\$3)					176:06
- 0 rsa.as. and (two adj factor adj authenticat\$3)					1
authenticat\$3)  - 2 csa.as. and (token)  US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; US-PGPUB; EPO; JPO; I6:10					[ I
authenticat\$3)  - 2 csa.as. and (token)  US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; US-PGPUB; EPO; JPO; I6:10	-	0	rsa.as. and (two adj factor adj	USPAT;	
EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; 16:10	1				
US-PGPUB; 16:10 EPO; JPO;	1	1/ /			
US-PGPUB; 16:10 EPO; JPO;		INWIL /	D		1
US-PGPUB; 16:10 EPO; JPO;	_	V / 2	ksa.as. and (token)		2004/05/05
EPO; JPO;		/ /	<i>Y</i>	· ·	
					- 3 · - 4
ו עעד דענו ו				1	
	Ł		<u> </u>	1 2011 100	11

		. <u> </u>		
-	1553	authentication and gps	USPAT;	2004/05/05
			US-PGPUB;	16:11
			EPO; JPO;	
			IBM TDB	
-	414	(authentication and gps) and @ad<20001117	USPĀT;	2004/05/05
1		31	US-PGPUB;	16:11
			EPO; JPO;	
			IBM TDB	
_	164	@ad<20001117 and (authentication same	USPĀT;	2004/05/05
-	104	(position location) and gps)	US-PGPUB;	16:13
		(position location) and gps)	EPO; JPO;	10.13
	1/22	1	IBM_TDB	2224/25/26
-	EW1 ~ 33	@ad<20001117 and (authentication same	USPAT;	2004/05/06
i		(position location) same gps)	US-PGPUB;	07:33
			EPO; JPO;	
1			IBM_TDB	
-	0	0	USPAT;	2004/05/06
		betting bettor)) and GPS	US-PGPUB;	07:34
	•		EPO; JPO;	
	1		IBM TDB	
-	1 14 3	@ad<20001117 and (online near2 (bet	USPĀT;	2004/05/06
1	ルル( ン	betting bettor))	US-PGPUB;	07:36
	10		EPO; JPO;	
			IBM TDB	
1_	43	@ad<20001117 and hitachi.as. and	USPAT;	2004/05/06
-	43	authentication and position	US-PGPUB;	07:37
1		authentication and position	EPO; JPO;	"   "
		L	1	
	سر ساله المال	1000001117	IBM_TDB	2004/05/06
-	1/cm / 2)	@ad<20001117 and hitachi.as. and	USPAT;	
		authentication and position and gps	US-PGPUB;	07:37
			EPO; JPO;	
			IBM_TDB	
-	18	1 -	USPAT;	2004/05/06
		authenticat\$3)	US-PGPUB;	08:40
			EPO; JPO;	
1			IBM TDB	1
_	345	713/185.ccls.	USPAT;	2004/05/06
	3.5		US-PGPUB;	08:46
1			EPO; JPO;	
			IBM TDB	
	223	713/185.ccls. and @ad<20001117	USPAT;	2004/05/06
-	223	/15/105.CC15. dild Gdd\2000111/	US-PGPUB;	08:46
1			EPO; JPO;	
		712/1721 4-4/20001117	IBM_TDB USPAT;	2004/05/06
-	204	713/172.ccls. and @ad<20001117		
			US-PGPUB;	08:46
		<del> </del>	EPO; JPO;	
	abstracts (32	1)	IBM_TDB	
-	$\sqrt{32}$	/(713/172.ccls. and @ad<20001117) and	USPAT;	2004/05/06
	8"	(713/185.ccls. and @ad<20001117)	US-PGPUB;	08:59
	-		EPO; JPO;	
	1		IBM_TDB	1
-	4110	(cell adj phone) and (activat\$3)	USPAT;	2004/05/06
	1		US-PGPUB;	09:00
			EPO; JPO;	
			IBM TDB	]
	138	(cell adj phone) same activation	USPAT;	2004/05/06
-	138	(cert ad) buonel same accivacion	US-PGPUB;	09:00
	1		EPO; JPO;	05.00
		_		į l
	1.11.5	1)	IBM_TDB	2004/05/06
-	abstracts 9	cell adj phone) near activation	USPAT;	2004/05/06
	09' / /	<i>t</i>	US-PGPUB;	09:06
1			EPO; JPO;	
			IBM_TDB	
-	3141	GREGORY-BERNARR.xp. GREGORY-BERNARR-E.xp.	USPAT;	2004/05/10
		swann-tod.xp. swann-tod-r.xp.	US-PGPUB;	07:43
		_	EPO; JPO;	
			IBM TDB	
_	116	(GREGORY-BERNARR.xp.	USPAT;	2004/05/10
1		GREGORY-BERNARR-E.xp. swann-tod.xp.	US-PGPUB;	07:42
		swann-tod-r.xp.) and atm	EPO; JPO;	- · · ·
		Swarm cod 1. Ap. / and acm	IBM TDB	
L			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L

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		$\overline{}$		
<b>-</b>	18	/GREGORY-BERNARR.xp.	USPAT;	2004/05/10
	abstracts (	GREGORY-BERNARR-E.xp. swann-tod.xp.	US-PGPUB;	07:38
	, race	swann-tod-r.xp.) and shoulder	EPO; JPO;	
	abo"		IBM_TDB	
-	451	(GREGORY-BERNARR.xp.	USPAT;	2004/05/10
		GREGORY-BERNARR-E.xp. swann-tod.xp.	US-PGPUB;	07:42
		swann-tod-r.xp.) and pin	EPO; JPO;	
			IBM_TDB	
-	1581	swann-tod.xp. swann-tod-r.xp.	USPAT;	2004/05/10
			US-PGPUB;	07:43
			EPO; JPO;	1
1			IBM_TDB	
-	aw tauts (43	/swann-tod.xp. swann-tod-r.xp.) and pin	USPAT;	2004/05/12
	Have 1	same (key keypad button)	US-PGPUB;	10:50
	abl C		EPO; JPO;	1
		<b>h</b>	IBM_TDB	
-	1 1 1 36 · 36	/5251259.URPN.	USPAT	2004/05/10
	Aug C			08:41
-	`   7	5428349.URPN.	USPAT	2004/05/10
				08:52
-	36847	@ad<20001117 and (wager\$3 gam\$3 bet\$4	USPAT;	2004/05/12
		gambl\$3) and (sobriety sobre drunk\$2	US-PGPUB;	07:39
	,	drink\$3 intoxicat\$3 (under adj3	EPO; JPO;	
1		<pre>influence?) (state adj2 mind))</pre>	IBM_TDB	0004/05/50
-	24		USPAT;	2004/05/12
		remote) near (wager\$3 gam\$3 bet betting	US-PGPUB;	07:41
		bets gambl\$3)) and (sobriety sobre	EPO; JPO;	
		drunk\$2 drink\$3 intoxicat\$3 (under adj3	IBM_TDB	
		influence?) (state adj2 mind))		0004/05/10
-	16	(@ad<20001117 and ((online internet	USPAT;	2004/05/12
	1/2"	remote) near (wager\$3 gam\$3 bet betting	US-PGPUB;	07:58
		bets gambl\$3)) and (sobriety sobre	EPO; JPO;	
		drunk\$2 drink\$3 intoxicat\$3 (under adj3	IBM_TDB	
		influence?) (state adj2 mind))) not		
		mowers.in.		2004/05/10
-	1	6104815.pn.	USPAT;	2004/05/12
1			US-PGPUB;	11:10
	ht //	<u>,                                      </u>	EPO; JPO;	
	abstraction 3	1)	IBM_TDB	2004/05/12
-	3	(380/257,258.ccls.) and	USPAT;	2004/05/12
	$ a^{n} $	(463/16,25,29,31,37.ccls.)	US-PGPUB;	08:19
			EPO; JPO;	
		000/055 050 3	IBM_TDB	2004/05/12
-	197	380/257,258.ccls.	USPAT;	
			US-PGPUB;	08:18
			EPO; JPO;	
1		200/057 250 773 4 8-4:00001117	IBM_TDB	2004/05/12
-	153	380/257,258.ccls. and @ad<20001117	USPAT;	08:20
			US-PGPUB;	00:20
			EPO; JPO;	
		200/050 1 1.0.1.00001117	IBM_TDB	2004/05/12
-	67	380/258.ccls. and @ad<20001117	USPAT;	08:23
			US-PGPUB;	00.23
	1	1)	EPO; JPO;	
	//	//200/051 250 763 5 573	IBM_TDB	2004/05/12
-	// 18	(380/251,258.ccls.) and	USPAT;	08:19
		(463/16,25,29,31,37.ccls.)	US-PGPUB;	00.19
	/		EPO; JPO;	
	1.1 //	Durano (251 2501- ) 1	IBM_TDB	2004/05/12
-	\$ /26		USPAT;	
	3//	(463/16,25,29,31,37.ccls.)) and	US-PGPUB;	08:20
	١ 🖈 🗡	@ad<20001117	EPO; JPO;	
	70,	200/250 251	IBM_TDB USPAT;	2004/05/12
-	<b>\( \section \)</b> 99	380/258,251.ccls. and @ad<20001117	US-PGPUB;	08:23
	10°		EPO; JPO;	00.23
	065 al		IBM TDB	
	1 / /	1/200/250 251 252 253 853 (20001117) -53	USPAT;	2004/05/12
-		(380/258,251.ccls. and @ad<20001117) and	US-PGPUB;	08:23
	'/ /	gps	EPO; JPO;	00.23
			IBM TDB	
		•	I TOU TOD	i

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-	10832	<pre>(enter\$3 same (within near3 (period time)))</pre>	USPAT; US-PGPUB;	2004/05/12 09:21
			EPO; JPO; IBM_TDB	
-	250	<pre>(enter\$3 near3 within near3 (period near time))</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/05/12 09:52
	187	((enter\$3 near3 within near3 (period near	IBM_TDB USPAT;	2004/05/12
	187	time))) and @ad<20001117	US-PGPUB; EPO; JPO;	09:22
-	72	@ad<20001117 and (enter\$3 near3 (pin password code response) near3 within	IBM_TDB USPAT; US-PGPUB;	2004/05/12 09:52
	\ \xs /_	near3 (period near time))	EPO; JPO; IBM TDB	
- ala	, routs 60	@ad<20001117 and (enter\$3 near3 (pin password code response) near3 within near3 (period near time))) not chow.in.	USPĀT; US-PGPUB; EPO; JPO;	2004/05/12
-	203	@ad<20001117 and ((pin password code	IBM_TDB USPAT;	2004/05/12
		response) near3 within near3 (predetermined near period near time))	US-PGPUB; EPO; JPO; IBM TDB	09:53
-	149	@ad<20001117 and ((pin password response) near3 within near3 (predetermined near	USPAT; US-PGPUB;	2004/05/12 09:54
		period near time))	EPO; JPO; IBM_TDB	
-	rent 8	dad<20001117 and ((pin password ) near3 within near3 (predetermined near period	USPAT; US-PGPUB;	2004/05/12 09:54
		near time))	EPO; JPO; IBM_TDB	
-	141	<pre>@ad&lt;20001117 and ((response) near3 within near3 (predetermined near period near time))</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/05/12
_	110 26	(@ad<20001117 and ((response) near3	IBM_TDB USPAT;	2004/05/12
		within near3 (predetermined near period near time))) and secur\$3	US-PGPUB; EPO; JPO;	10:07
_	60	(password pin) near3 (time adj2 limit)	IBM_TDB USPAT; US-PGPUB;	2004/05/12 10:08
	11 mm ( P		EPO; JPO; IBM_TDB	
-	+i+k5 40	(password pin) near3 (time adj2 limit)) and @ad<20001117	USPAT; US-PGPUB; EPO; JPO;	2004/05/12 10:07
_		(password pin) near3 within near3 (time	IBM_TDB USPAT;	2004/05/12
	10 C	adj2 limit)) and @ad<20001117	US-PGPUB; EPO; JPO;	10:18
-	15	@ad<20001117 and ((respond near3 within	IBM_TDB USPAT;	2004/05/12
	۔ رون	near3 time) same (accident\$4))	US-PGPUB; EPO; JPO; IBM TDB	10:26
_	Obrrads 20	shoulder adj surfing	USPAT; US-PGPUB;	2004/05/12 10:33
			EPO; JPO; IBM TDB	
-	10/10	(shoulder adj surfing) and @ad<20001117	USPAT; US-PGPUB; EPO; JPO;	2004/05/12
_	10	(swann-tod.xp. swann-tod-r.xp.) and (pin)	IBM_TDB USPAT;	2004/05/12
		near10 (ATM POS)	US-PGPUB; EPO; JPO;	10:59
-	1 am 5	swann-tod.xp. swann-tod-r.xp.) and	IBM_TDB USPAT;	2004/05/12
	als!"	(active adj display)	US-PGPUB; EPO; JPO;	10:59
L	L		IBM_TDB	

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-	178	keys! near led	USPAT;	2004/05/12
			US-PGPUB;	11:11
			EPO; JPO;	
	stratt 2	<b>\</b>	IBM_TDB	
- 11k	25(12)	(keys! near led) same (night dark)	USPAT;	2004/05/12
			US-PGPUB;	11:49
			EPO; JPO;	
l	i		IBM TDB	
_	5	record same (unauthorized near password)	USPAT;	2004/05/12
		•	US-PGPUB;	11:50
			EPO; JPO;	
			IBM TDB	
1_	54	(log logging ) same (invalid near	USPAT;	2004/05/12
	1	password)	US-PGPUB;	11:51
	abstract!	password,	EPO; JPO;	
	رونس ا	$\vdash$	IBM TDB	
	10/10/15	(log logging ) same (invalid near	USPAT;	2004/05/12
<del>-</del>	(A) / 13		· ·	13:11
		password)) and @ad<20001117	US-PGPUB;	13:11
			EPO; JPO;	1
			IBM_TDB	0004/05/20
-	21	@ad<20001117 and (silicon and gaming).as.	USPAT;	2004/05/12
			US-PGPUB;	13:15
			EPO; JPO;	1
			IBM_TDB	
-	888	@ad<20001117 and ((terminal remote) same	USPAT;	2004/05/12
		(code pin password) same (within near3	US-PGPUB;	13:38
		time))	EPO; JPO;	1
	1	,	IBM TDB	1
<b> </b> _	175	@ad<20001117 and ((terminal remote) same	USPAT;	2004/05/12
	1,3	(code pin password) same (within near3	US-PGPUB;	14:07
1		time)) and (host server)	EPO; JPO;	
		time)) and (nost server)	IBM TDB	
		0-4<20001117 and (/amant add gard) game	USPAT;	2004/05/12
-	54	1 *	· ·	14:09
		(challenge adj response))	US-PGPUB;	14:09
			EPO; JPO;	
		3	IBM_TDB	2004/05/12
-	40	@ad<20001117 and ((smart adj card) same	USPAT;	2004/05/12
		(challenge adj response) same (code	US-PGPUB;	14:11
		password pin))	EPO; JPO;	
	` المال ا	<b>)</b>	IBM_TDB	0004/05/00
_	KU / 25	(@ad<20001117 and ((smart adj card) same	USPAT;	2004/05/12
	1	(challenge adj response) same (code	US-PGPUB;	14:18
		password pin))) not silverbrook.in.	EPO; JPO;	
1			IBM_TDB	
-	124	record same timeout same server	USPAT;	2004/05/12
			US-PGPUB;	14:19
	1		EPO; JPO;	
1	VWIL 15	<b>1</b>	IBM_TDB	
-	U / <sub>15</sub>	Vrecord same timeout same server same	USPAT;	2004/05/12
	1 1 2	(password)	US-PGPUB;	14:19
1		\r	EPO; JPO;	
1	110	<u> </u>	IBM TDB	
1_	8 ///	record same timeout same server same	USPAT;	2004/05/12
_	V / %	(password) and @ad<20001117	US-PGPUB;	14:18
1		(Password) and Gad-Education	EPO; JPO;	- / -
	1		IBM TDB	
	58	(record same timeout same server) and	USPAT;	2004/05/12
-	1 28	1 ·	US-PGPUB;	14:19
		@ad<20001117	EPO; JPO;	14.19
1				
	_		IBM_TDB	2004/05/12
-	66	(log same timeout same server) and	USPAT;	2004/05/12
	1 80	@ad<20001117	US-PGPUB;	14:23
	1 2000	L	EPO; JPO;	
	1 18 //		IBM_TDB	1
_	almond	event log" same password same invalid	USPAT;	2004/05/12
	1 / /	1	US-PGPUB;	14:23
			EPO; JPO;	
			IBM_TDB	1